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1899-1909

THE
GROWTH OF BROWN UNIVERSITY
IN RECENT YEARS
1899-1909



"The Public Teaching shall in general Respect the Sciences."

"Into this liberal and catholic Institution shall never be admitted any religious Tests : But on the contrary, all the Members hereof shall forever enjoy full, free, absolute, and uninterrupted Liberty of Conscience."

FROM THE CHARTER OF 1764



PROVIDENCE, RHODE ISLAND
PUBLISHED BY THE UNIVERSITY
1909

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THE GROWTH OF BROWN UNIVERSITY IN RECENT YEARS

(1899-1909)

SINCE many friends of the University have been asking for facts as to its progress, its lines of recent development, its changes in organization and curriculum, the following brief statement has been prepared. The period covered in cursory review has been one of intensive rather than extensive growth. The sudden increase in the number of students which had previously occurred brought with it the inevitable problems of swift expansion. The obvious need was for internal coördination, for closer articulation of teachers and departments, for determination of standards, for the better housing of students, for more buildings in which to establish laboratories, seminaries, libraries, consultation-rooms, for a more permanent Faculty with more adequate financial support. How far these needs have been met the statement will show. The changes that have come have been in part visible and tangible, transforming the appearance of the campus. But the more important alterations, in a college as in a man, are internal and spiritual.

INTERNAL CHANGES

THREE new departments have been created, —Electrical Engineering, Geology, Physical Training, the latter having the same power and dignity as any other.

Six new chairs of instruction have been created, and professors appointed to fill them,—*viz.*, Organic Chemistry, Electrical Engineering, Public Speaking, Physical Training, Geology, Sociology.

The number of the Faculty and other officers has increased from 89 to 101,—an increase of about 12.4 per cent. The annual amount paid in salaries has increased from \$107,547.50 to \$155,454.59,—an increase of 45 per cent.

The requirements for admission to the Ph.B. course have been advanced by 5 points, and for admission to the engineering courses by $4\frac{1}{2}$ points.

While the raising of requirements and standards might naturally have diminished the number of students, the number has increased from 868 to 993, an increase of 14.4 per cent.

INTERNAL CHANGES

The total endowment of the University has increased from \$1,297,227.59 to \$3,416,744.41, or about 264 per cent. The total annual income from investments and tuition fees has increased from \$152,896.14 to \$231,379.98, or 51 per cent.

The number of books in the library has increased from about 100,000 to 170,000, and the foundations of the new John Hay Library—to cost \$300,000—have been laid. The “Rider Collection” (on the history of Rhode Island) and the “Wheaton Collection” (on International Law) have been presented to the University. The unique and priceless John Carter Brown Library (of Americana) has been presented to the University, together with its noble building, costing \$150,000, and an endowment of \$500,000. The number of department libraries, or seminaries, has increased from thirteen to twenty, every department now having its own library, office, and consultation room.

The number of courses of study offered has increased from 83 to 119. Among the new courses are those in Elementary Greek, Nautical Astronomy, Principles of Historical Criticism, Origin and Development of Society, Comparative Study

THE GROWTH OF BROWN UNIVERSITY

of Constitutions, Jurisprudence, Socialism, Commercial Geography, Greek and Roman Life, the Modern Novel, Victorian Poets, German Lyrical Poetry, the German Drama, the French Drama, Modern Italian Literature, Textual Criticism of the Old Testament, Industrial Chemistry, Advanced Organic Chemistry, Research Work in Chemistry, Chemical Physiology, Mineralogy, Petrography, Advanced Bacteriology, Embryology, Ornithology, and many new courses in Engineering. The older courses have been steadily enriched, improved and equipped.

New administrative officers have been appointed, ensuring closer oversight, more accurate records, better coördination, larger unity. These officers include a Dean of the University, a Superintendent of Grounds and Buildings, a Keeper of Graduate Records, an Archivist, a University Physician. The Graduate Department has been organized, with its own Dean, its own office, its own system of records and standards of admission. The system of Freshman Advisers has been instituted. An Employment Bureau has been established, and a Teachers' Bureau for the benefit of teaching alumni. A Committee on Appointments has been

INTERNAL CHANGES

recently formed, to assist the graduates of the University throughout their careers.

The Faculty has been reorganized. The old system of Faculty committees, which had grown large and unwieldy, has given way, and the functions and powers of most of the former committees have been centralized in a new "committee on registration and attendance." By various voluntary meetings and organizations the Faculty have been brought into closer acquaintance and into a harmony and sympathy such as are rarely found in so large a body.

Many new scholarships and prizes have been established, as *e.g.*, the four "Marston Scholarships," the "George Hale Bacon Scholarships," the "Aaron Lucius Ordway Fund," the "William Grosbeck Goddard Fund," the "Hicks Prize Fund No. 2," the "Class of 1880 Prize," "The Society of Colonial Dames Prize," etc.

New laboratories have been established in Geology, Mechanical, Civil and Electrical Engineering, and large additions made to the laboratories in Chemistry and Biology.

THE GROWTH OF BROWN UNIVERSITY

In response to an obvious demand the departments of Civil and Mechanical Engineering, previously housed in the attics of ancient buildings and meagrely equipped, have been installed in a modern engineering building, furnished with all the apparatus for the most approved methods of instruction.

An experiment station for the study of Biology has been opened at Warwick, R. I., where students each summer may study various forms of marine life at first hand and where researches have been conducted that have affected the entire Atlantic seaboard.

The University has entered into an affiliation with the Rhode Island School of Design, whereby students in either institution may enjoy the benefits of the other. Under this arrangement the School of Design uses the University machine-shops, and the University sends its art students to the School of Design for instruction in architectural drawing, free-hand drawing and painting.

A system of Visiting Committees has been established, which has been of great value in achiev-

INTERNAL CHANGES

ing coöperation between the world of study and the world of action. Under this system about one hundred and fifty gentlemen—from five to ten in each department—annually visit the University, inspect its courses of study, libraries, laboratories and equipment, form the acquaintance of the Faculty, and offer such counsel and support as their experience in business or professional life may qualify them to give.

Twelve new alumni associations have been organized, forming the links in a chain which extends from Boston to Seattle. The total number of such associations is now twenty-three. An Alumni Council has been formed, composed of representatives from all alumni associations having twenty-five or more members, and meeting at stated times to discuss matters of University policy, to select nominees for the office of trustee, or to consider questions referred to them by the Corporation.

The Women's College has been made an integral part of the University, with its own Executive Committee of the Corporation. A woman's dormitory has been secured, a woman's gymnasium erected, five new lots of land obtained, a college

THE GROWTH OF BROWN UNIVERSITY

campus has been laid out, and a separate endowment of \$85,000 has been contributed. A woman has been appointed Dean of the College. A Student Government Association has been organized among the students. An Alumnae Association has been formed, which is now represented on the Advisory Council.

Extension courses have been conducted in recent years, at hours when teachers can attend, with an attendance of from 250 to 400 teachers annually. These courses are not such as are ordinarily called "University extension courses," given in various places under varying auspices; but are given in University halls, in connection with University libraries and laboratories, and students who take the tests and pass the examination in any course may obtain credit toward a University degree.

A "Brown University Teachers' Association" has been formed, composed of the teaching alumni of the University and alumni of other colleges who are teaching in schools preparing students for Brown. Seven annual conventions have been held, with important educational discussions; and the association has assisted both the University and

the schools in solving their common problems.

The entire system of college athletics has been re-organized. While the academic requirements for participation in athletics are determined by the Faculty, who have established unusually stringent rules, all other questions are now settled by the students themselves, on the principle that student-play is a matter for student-control. A Supervisor of Athletics has been appointed, and a well equipped office opened, where the various athletic managers may transact their business in accordance with approved modern methods.

The Brown Union, by far the largest of all the student organizations, has been established, and suitably housed in a convenient and beautiful structure. In this building is the headquarters of every student enterprise. The second floor has been occupied by the Young Men's Christian Association. This building has become the center and fireside of the University. Nine tenths of all the students are members of the Union.

EXTERNAL AND VISIBLE CHANGES

THE University has acquired in the last ten years twelve new tracts of land, with the buildings thereon: four on Waterman Street, one on George Street, one on College Street, five on Cushing Street and one on Benefit Street. The University has erected thirteen new buildings, as follows:

<i>Name</i>	<i>Date</i>
President's House	1901
Rogers Hall (addition)	1901
Van Wickle Gates	1902
Administration Building	1902
Engineering Building	1903
Caswell Hall	1903
Rockefeller Hall	1903
Colgate Hoyt Swimming Pool	1903
Carrie Tower	1904
John Carter Brown Library	1904
Sayles Gymnasium	1906
Marston Field House	1907
John Hay (Library in process)	1910

Lincoln Field has been graded and laid out in accordance with the plans of landscape architects: bronze statues of Caesar Augustus and Marcus Aurelius have been presented and erected on the

EXTERNAL AND VISIBLE CHANGES

campus, and new trees, vines and shrubs have been planted. Five new fraternity chapter-houses have been built or leased and stand in close proximity to the campus as part of the University group, which now comprises twenty-nine buildings. Yet all these changes have not called for the demolition of one of the old landmarks. The oldest structure, University Hall, erected in 1770, has been stripped of the stucco which covered it for three-quarters of a century, and restored to its original appearance. Thus the University has been able to double its buildings without removing a brick or stone from its architectural heritage.

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THE GROWTH OF BROWN UNIVERSITY

Some of these results are shown in the following.

Tabular View

<i>Students</i>	1899=====	868
	1909=====	993
<i>Endowment</i>	1899=====	\$1,297,237.59
	1909=====	\$3,305,390.63
<i>Income</i>	1899=====	\$152,396.14
	1909=====	\$231,379.98
<i>Faculty and</i>	1899=====	89
<i>Other Officers</i>	1909=====	101
<i>Salaries</i>	1899=====	\$107,547.50
	1909=====	\$155,454.59
<i>Library</i>	1899=====	100,000
	1909=====	170,000
<i>Buildings</i>	1899=====	15
	1909=====	29
<i>Courses of Study</i>	1899=====	83
	1909=====	119

THE GROWTH OF BROWN UNIVERSITY

The University to-day includes

AN UNDERGRADUATE DEPARTMENT, with a four years course of study leading to the degrees of

Bachelor of Arts

Bachelor of Philosophy

Bachelor of Science in Civil Engineering

Bachelor of Science in Mechanical Engineering

Bachelor of Science in Electrical Engineering

A GRADUATE DEPARTMENT with courses of study leading to the degrees of

Master of Arts

Master of Science

Doctor of Philosophy

AN INDEPENDENT WOMEN'S COLLEGE (not coëducational), offering to women the same courses as to men, under the same teachers, and leading to the same degrees.

AN EXTENSION DEPARTMENT, offering each winter to teachers and other mature persons, at hours when they can attend, courses of study of the same character as those offered to regular students, and for which credit is given toward a University degree.

For Catalogue or Information address

THE REGISTRAR OF BROWN UNIVERSITY

PROVIDENCE, R. I.



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